

NEEDLED GLASS MAT

ABSTRACT

The invention relates to a method for preparing a mat, comprising

- a) the deposition or projection of threads onto a traveling belt in order to form a lap of said threads which are driven by said belt, then
- b) needling by bearded needles passing through said lap and being displaced in the direction of the lap at substantially the same speed as that when they pass through the latter, with a stroke density ranging from 1 to 25 strokes per cm^2 .

This method is quick and efficient, and the mat obtained can easily be deformed by hand in order to be placed in a mold for the manufacture of a composite material by the injection of resin (RTM). This mat may also be incorporated into a preimpregnated sheet (SMC) and be molded under pressure.